LISTING OF CLAIMS

1. (currently amended) A method for providing variable frequency logging of activities in a distributed computing system comprising a plurality of computing locations comprising the steps of:

detecting an event trigger comprising a message level error indicative of an error at a computing location;

responsive to the event trigger, activating a temporary logging function for logging system activities for at least one computing location;

logging system activities; and

terminating logging of system activities based on detection of a stop event.

2. (original) The method of Claim 1 wherein said activating further comprises implementing filtering of said logging of system activities.

3. (currently amended) The method of Claim 2 further comprising analyzing filtering of system activities to determine corrective action ~~1 wherein said event trigger comprises an error message~~.

4. (original) The method of Claim 1 wherein said activating comprises altering the amount of logging done for system activities.

5. (original) The method of Claim 4 wherein said altering comprises adjusting the frequency at which logging is done on an affected subsystem at an affected location.

6. (currently amended) The method of Claim 1 further comprising determining at least one subsystem affected by the event and wherein said activating comprises starting logging at said at least one ~~an~~ affected subsystem.

7. (currently amended) The method of Claim 6 wherein said determining ~~activating~~ comprises tracing from a location at which said event was detected to identify at least one ~~identifying the~~ subsystem affected by said event and starting logging at said at least one affected subsystem.

8. (canceled)

9. (canceled)

10. (original) The method of Claim 1 further comprising the step of accessing at least one configuration database for predefined temporary logging information.

11. (original) The method of Claim 7 further comprising the step of accessing at least one configuration database to obtain predefined temporary logging information for said subsystem.

12. (currently amended) Apparatus for providing variable frequency logging of activities in a distributed computing system comprising a plurality of computing locations comprising:

an event trigger detection component for detecting at least one predefined trigger event comprising a message level error indicative of an error at a computing location;

a plurality of logging components for logging system activities at a system location;

a logging activator responsive to input from the event trigger detection component, for activating at least one of said plurality of logging components to log system activities; and

a stop event detection component for terminating logging of system activities based on detection of a stop event.

13. (currently amended) The apparatus of Claim 12 further comprising at least one filter for filtering logged system activities for determining corrective action ~~wherein said event trigger detection component comprises a component for monitoring error messages in said system~~.

14. (original) The apparatus of Claim 12 wherein said stop event detection component comprises a timer for terminating logging after a preset time period.

15. (original) The apparatus of Claim 12 wherein said stop event detection component comprises a component for receiving user input of stop notification.

16. (original) The apparatus of Claim 12 further comprising a mapping component for determining the location from which the trigger event emanated.

17. (original) The apparatus of Claim 16 wherein said mapping component is further adapted to determine the subsystem at which the trigger event occurred.

18. (original) The apparatus of Claim 17 wherein said mapping component is additionally adapted to identify at least one additional subsystem affected by said trigger event.

19. (original) The apparatus of Claim 17 wherein said logging activator activates logging at each of said at least one additional subsystem.

20. (original) The apparatus of Claim 12 wherein said logging activator comprises means to alter the frequency at which the logging of system activities is done.

21. (currently amended) A program storage device readable by machine tangibly embodying a program of instructions executable by the machine to perform a method for providing variable frequency logging of activities in a distributed computing system comprising a plurality of computing locations, said method comprising the steps of:

detecting an event trigger comprising a message error indicative of an error at a computing location;

responsive to the event trigger, activating a temporary logging function for logging system activities for at least one computing location;

logging system activities; and

terminating logging of system activities based on detection of a stop event.

22. (new) The method of Claim 4 wherein said altering comprises gradually adjusting said logging.

23. (new) The method of Claim 1 wherein said activating comprises dynamically setting a logging and tracing configuration for the distributed computing system based on said detected event.

24. (new) The method of Claim 23 wherein said activating further comprises implementing filtering of said logging of system activities to determine corrective action.

25. (new) The apparatus of Claim 12 wherein said logging activator comprises means for dynamically setting a logging and tracing configuration for the distributed computing system based on said detected event.